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| TRANSMITTAL FORM | Application Number | 10/028,416 |
| | Filing Date | December 21, 2001 |
| | First Named Inventor | Simon Cawley |
| | Art Unit | 1631 |
| | Examiner Name | James Martinell |
| <small>(to be used for all correspondence after initial filing)</small> | | |
| Total Number of Pages in This Submission | 14 | Attorney Docket Number 3439 |

| ENCLOSURES (check all that apply) | | |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|-------------------------|----------|--------|
| Firm | Affymetrix, Inc. | | |
| Signature | <i>Leticia R. Block</i> | | |
| Printed Name | Leticia R. Block | | |
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| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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JUN 15 2005PATENT

Attorney Docket No. 3439

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Simon Cawley, et al.

Examiner: James Martinell

Serial No: 10/028,416

Group Art Unit: 1631

Filing Date: December 21, 2001

Title: Method and computer software
product for predicting polyadenylation
sitesCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**AMENDMENT/ RESPONSE**

Sir:

This document is submitted in response to the Office Communication of May 26, 2005. Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 13 of this paper.